

Detailed description: This figure displays a sequence alignment of eight different protein sequences. The sequences are represented as horizontal bars of colored boxes, where each box contains a single amino acid residue. The colors represent the amino acid types: blue for hydrophobic, red for polar, green for acidic, purple for basic, and orange for aromatic residues. The alignment is performed across 190 positions, with specific positions labeled at the top of each row. The sequences are as follows:

- 15219212.p**: MEDNRKTTPNGETKPETSLETSSLDFFEGSLTPTSPSQDPFSENSPADHLFINGRLLPHSFTSTITRSVSRITSENTFRSDSWSSRSSDSSPTSYTFRTSTCNIFKITSSSTGHGKETNITCFGTRSEEIMCLRFA
TSSKKTNTCISKEYYHKPSLILDLKKRPPVENKA
NTTNKVSYLPQCKRKKA
TEIVTA
- 15232528.p**: ...
- AK102538.q**: ...
- 1f3m_Paka**: ...
- 6321894.y**: ...
- 19112815.y**: ...
- 39958894.y**: ...
- 32422585.y**: ...

The alignment highlights several conserved regions, particularly around positions 100-110, 210-220, 410-420, 610-620, 810-820, 1010-1020, and 1210-1220.

